

## VOLATILE ORGANIC COMPOUND (VOC) REGULATORY COMPLIANCE

# FOUR-ACT

Highly chemically reactive, 4-in-1 form cleaner, buildup and splatter remover, release agent and seasoning compound.

FOUR-ACT



## HOW IT WORKS

FOUR-ACT is a concentrated, petroleum-based, highly reactive formulation that chemically reacts with fresh concrete to prevent bonding and with existing concrete to soften buildup on all types of concrete handling and placing equipment and aluminum forms. FOUR-ACT can also be used in combination with SEASONOX to help season aluminum forms and can be diluted for use as a form release agent.

## APPLICATIONS

- ◆ Use on aluminum form surfaces to remove the accumulation of hard concrete buildup.
- ◆ Use in all block, pipe, ready-mix and cement plants for cleaning and maintaining mixers, cement hoppers, conveyors, elevators, chutes, pallets, pipe rings and hoist buckets.
- ◆ Use on bridge and street paving machines, laser screeds, vibratory roller screeds, truss screeds, median barrier and curb slipform machines, strike-off augers, hoppers and slipforms.
- ◆ Use on shoring, scaffolding and forming equipment and hardware, including post shores, scaffold frames and planks, aluminum deck beams and joists, column clamps, water rods and shebolts.
- ◆ Use as a concrete buildup and splatter remover on screeds, trowels and other equipment, and on forms to soften existing buildup.
- ◆ Use with SEASONOX on new aluminum forms to season form surfaces.
- ◆ Use as a form release agent when diluted up to 1:10.

## ADVANTAGES

- ◆ Consolidates four products into one, reducing inventory costs and number of products on the job site.
- ◆ Uses for FOUR-ACT: 1) Remover of concrete buildup and splatter on tools and equipment. 2) Remover of concrete buildup on forms. 3) A seasoning compound for new aluminum forms. 4) When diluted, a form release agent.
- ◆ Is an effective seasoning agent for new aluminum forms.
- ◆ Forms a protective barrier that prevents fresh concrete adhesion and buildup to treated surfaces.
- ◆ Reacts chemically to soften concrete buildup on tools and equipment.
- ◆ Apply immediately to reduce the accumulation of concrete buildup. FOUR-ACT reacts chemically with fresh concrete

to prevent further hardening while simultaneously softening existing hardened concrete buildup.

- ◆ Prevents adhesion and buildup on treated surfaces.
- ◆ Softens buildup when applied to aluminum forms in storage which can be easily removed with a power washer. Reapply, if needed, for use as a release agent without the need for additional cleaning.
- ◆ Apply as a release agent to forms in current use and gain the added function of a maintenance coating.
- ◆ Eliminates the need for chipping hammers and chisels and is far less damaging.
- ◆ Won't harm rubber hoses or damage painted metal surfaces.
- ◆ Concentrated petroleum-based formulation can be diluted up to 1:10 for use as a reactive form release agent.
- ◆ Does not wash off in the rain.

## ▲ PRECAUTIONS ▲

- ◆ FOUR-ACT is very chemically reactive and must be diluted before use.
- ◆ Verify that product is within the "USE BY" date stated on product packaging. Do not use expired product. The use of expired product may result in poor product performance or failure.
- ◆ Not for use on Styrofoam or latex molds.
- ◆ Failure to properly dilute FOUR-ACT when used as a form release agent can result in excessive dusting and possibly retardation of the cast concrete surface.

## USE INSTRUCTIONS

- ◆ Request current product literature, labels and safety data sheets from manufacturer and read thoroughly before product use.
- ◆ Site environmental conditions, substrate conditions and construction have a major effect on product selection, application methods, procedures and rates, appearance and performance. Product literature provides general information applicable to some conditions. However, an adequate site test application by the purchaser or installer in advance of field scale use is mandatory (irrespective of

FOUR-ACT

Multi-purpose form treatment



chemical solutions to concrete problems

any other verbal or written representations) to verify that product and quantities purchased can be satisfactorily applied and will achieve desired appearance and performance under intended use conditions.

- ◆ FOUR-ACT must be diluted before use with kerosene or fuel oil. As an equipment maintenance coating, dilute FOUR-ACT 1:1. To remove hard buildup or to season aluminum forms, dilute 1:4. For use as a form release agent, dilute 1:10.
- ◆ Surfaces to be coated with petroleum-based FOUR-ACT should be reasonably dry prior to application.
- ◆ To soften existing buildup, best results are achieved when product is applied (after high-pressure power washing) to fresh buildup immediately following use of equipment and then reapplied immediately prior to reuse.
- ◆ To prevent adhesion of new concrete buildup, apply as a maintenance coating prior to use. Concrete splatter will harden, but will not bond to coated surfaces.
- ◆ Application rates necessary to optimize performance vary with form composition, condition of the form surface, extent of concrete buildup and ambient temperature.
- ◆ Application rates will vary depending upon the use. Best results are generally obtained when the diluted FOUR-ACT is liberally applied.
- ◆ Older buildup generally requires repeated applications and

takes longer to soften than fresh concrete buildup.

## TECHNICAL DATA

<b>Bulk Density</b>	7.12 lbs / gal. (.85 kg / L)
<b>Color</b>	Amber
<b>Odor</b>	Pleasant
<b>Flash Point</b>	>212°F (100°C)
<b>Freeze Point</b>	-40° F (>-40° C)
<b>VOC</b>	<250 g / L

## PACKAGING

Packaged in 5 gal (19 L), 55 gal (208 L) drums and 275 gal (1,040 L) totes.

## SHELF LIFE

Shelf life is two years. Use before the "USE BY" date stated on product packaging.

## HANDLING/STORAGE

Store in a dry location within a temperature range between 40° F (4° C) and 100° F (38° C).

## AVAILABILITY & TECHNICAL SERVICES

In addition to corporate offices in Omaha, Nebraska, NOX-CRETE Products Group maintains regional offices and distribution centers in principal markets throughout the world. For source or technical information, call 800-669-2738 or 402-341-2080.

## LIMITED WARRANTY

### NOTICE-READ CAREFULLY

#### CONDITIONS OF SALE

NOX-CRETE offers this product for sale subject to, and Buyer and all users are deemed to have accepted, the following conditions of sale and limited warranty which may only be varied by written agreement of a duly authorized corporate officer of NOX-CRETE. No other representative of or for NOX-CRETE is authorized to grant any warranty or to waive limitation of liability set forth below.

#### WARRANTY LIMITATION

NOX-CRETE warrants this product to be free of manufacturing defects. If the product when purchased was defective and was within use period indicated on container or carton, when used, NOX-CRETE will replace the defective product with new product without charge to the purchaser.

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